
BASIC RESIN – natural

Version 1.1

Short description

Pixel accurate printing (4K suitable)
Barely noticeable smell
Excellent material properties
Developed and manufactured in Austria

Description

BASIC RESIN is a high-quality 3D printing resin from Austria. Mechanical properties of PLA and thermal properties of ABS (heat resistance 121°C) make this material a solid all-round resin for all applications. No matter if on DLP, LCD, standard or 4K 3D printers.

The resin was developed in Austria and is also produced in Austria with highest quality standards. The high-quality raw materials have been precisely chosen to enable pixel accurate prints with sharp edges and clear details. By using methacrylate, aggressive or particularly harmful ingredients could be avoided. Therefore, the resin is almost odorless.

Colors rethought

BASIC RESIN is translucent with a minimal yellow hue. The use of COLOR AMPULES opens a wide color spectrum by simply mixing in individual transparent or opaque colors. There is something for every application.

Advantages of BASIC RESIN

- Cost-effective all-round resin
- Highest detail accuracy and sharp contours
- Low odor and no aggressive ingredients
- excellent dimensional stability and low shrinkage
- Available in transparent and opaque colors with Resin COLORANT.

Print settings

Suitable for all standard and 4K LCD and DLP 3D printers

Recommended start settings for layers from 0.025-0.1mm

- 7-12 seconds exposure per shift
- 5-10 base layer

Postprocessing

1. drain excess resin from the model above the resin tank
2. wash off remaining resin with isopropanol or resin cleaner.
3. carefully remove the model from the building board and existing support structures

- allow to cure completely under UV LEDs 2-30 min depending on size and color of the model

Hazard and Precautionary Statements

Pictograms



GHS 07

Signal word

Warning

Precautionary statements

P273: Avoid release to the environment.

P280: Wear protective gloves/eye protection.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P50: Dispose of contents/container in accordance with national regulations.

Hazard statements

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H413: May cause long lasting harmful effects to aquatic life.